

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1    | 116  | "356"/\$.ccls. and (elastic adj scatter\$3)                                    | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/06/24 20:53 |
| L2    | 83   | 1 and fluoresc\$5  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/06/24 20:54 |
| L3    | 69   | 2 and @ad<="20040113"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 21:52 |
| L4    | 8    | 3 and lidar  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/06/24 21:09 |
| L5    | 15   | lidar and insect\$1  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/06/24 22:13 |
| L6    | 10   | 5 and @ad<="20040113"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 21:13 |
| L7    | 1    | "6653971".pn. and lidar  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 21:13 |
| L8    | 859  | 356/622,620,614.ccls. and @ad<="20040113"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 22:01 |
| L9    | 352  | 356/141.1.ccls. and @ad<="20040113"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 22:05 |
| L10   | 1035 | 342/54,22,27,28,52.ccls. and @ad<="20040113"                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 22:06 |
| L11   | 2148 | 250/203.1,203.2,559.29,559.32, 559.4,574.ccls. and @ad<="20040113"             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 22:06 |
| L12   | 1204 | 8 or 9   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 22:07 |
| L13   | 3181 | 10 or 11   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 22:07 |
| L14   | 4291 | 12 or 13   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/24 22:07 |
| L15   | 2    | 14 and lidar and insect\$1   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/06/24 22:14 |
| L16   | 59   | 14 and (mobile or flying or moving) and fluoresc\$5 and pulse\$2 and intensity | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/06/24 22:16 |

## EAST Search History

|     |      |   |                                  |    |     |                  |
|-----|------|---|----------------------------------|----|-----|------------------|
| L17 | 59   | 14 and (mobile or flying or moving) and fluoresc\$5 and pulse\$2 and intensity                | US-PGPUB;<br>USPAT               | OR | ON  | 2006/06/24 22:17 |
| L18 | 9833 | (mobile or flying or moving) and fluoresc\$5 and pulse\$2 and intensity                       | US-PGPUB;<br>USPAT               | OR | ON  | 2006/06/24 22:17 |
| L19 | 11   | (mobile or flying or moving) and fluoresc\$5 and pulse\$2 and intensity                       | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/24 22:17 |
| L20 | 3    | 19 and @pd<="20040113"  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/24 22:17 |
| S1  | 6    | ((("6388246") or ("3768908") or ("6608677") or ("5270780") or ("6518562") or ("5096293")).PN. | US-PGPUB;<br>USPAT               | OR | OFF | 2006/06/24 14:38 |
| S2  | 6    | S1 and puls\$3  | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/23 17:10 |
| S3  | 5    | S1 and puls\$3 and intensit\$3  | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/18 16:53 |
| S4  | 6    | ((("6388246") or ("3768908") or ("6608677") or ("5270780") or ("6518562") or ("5096293")).PN. | US-PGPUB;<br>USPAT               | OR | OFF | 2006/05/18 11:04 |
| S5  | 3    | S4 and puls\$3 and intensit\$3 and map\$4   | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/18 11:12 |
| S6  | 31   | ("3499159"   "3528740"   "3540829"   "3566114").PN. OR ("3768908").URPN.                      | US-PGPUB;<br>USPAT;<br>USOCR     | OR | ON  | 2006/05/18 11:10 |
| S7  | 24   | S6 and @ad<="20040113"  | US-PGPUB;<br>USPAT;<br>USOCR     | OR | ON  | 2006/06/24 20:54 |
| S8  | 5    | S7 and puls\$3 and intensit\$3 and map\$4   | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/18 11:19 |
| S9  | 7    | S5 or S8  | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/18 11:19 |
| S10 | 2    | S9 and data and (store or storing or storage or memory)                                       | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/18 11:20 |
| S11 | 19   | (mobile adj agent\$1) and bees  | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/18 16:52 |
| S12 | 17   | S11 and @ad<="20040113"   | US-PGPUB;<br>USPAT;<br>USOCR     | OR | ON  | 2006/05/18 17:08 |
| S13 | 15   | S12 and laser   | US-PGPUB;<br>USPAT;<br>USOCR     | OR | ON  | 2006/05/18 16:56 |
| S14 | 15   | S13 and puls\$3 and intensit\$3   | US-PGPUB;<br>USPAT               | OR | ON  | 2006/05/18 18:46 |

## EAST Search History

|     |      |  |                              |    |    |                  |
|-----|------|--|------------------------------|----|----|------------------|
| S15 | 15   | S14 and map\$4   | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 16:55 |
| S16 | 0    | S15 and fluorescen\$2  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 18:46 |
| S17 | 0    | S15 and lidar  | US-PGPUB;<br>USPAT           | OR | ON | 2006/06/24 20:54 |
| S18 | 0    | (mobile adj agent\$1) and puls\$3<br>and intensit\$3 and laser and<br>fluorescen\$2 and map\$4   | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 16:57 |
| S19 | 359  | bee\$1 and puls\$3 and intensit\$3<br>and laser and fluorescen\$2 and<br>map\$4  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 16:57 |
| S20 | 286  | S19 and @ad<="20040113"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/05/18 16:57 |
| S21 | 3    | S20 and lidar  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 17:06 |
| S22 | 38   | lidar and (map or mapping) and<br>fluorescen\$2 and (pulse or pulsed<br>or pulsing) and laser and intensit\$3  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 17:09 |
| S23 | 33   | S22 and @ad<="20040113"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/05/18 18:45 |
| S24 | 0    | S23 and (lidar and (map or<br>mapping) and fluorescen\$2 and<br>(pulse or pulsed or pulsing) and<br>laser and intensit\$3).clm.  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 17:25 |
| S25 | 15   | ("3414354"   "3625613"  <br>"3768908"   "4200801"   "4651010"<br>  "4945249"   "5257085"  <br>"5373358"   "5377004"   "5710713"<br>  "RE34153").PN. OR ("6608677").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/05/18 17:22 |
| S26 | 5    | (time and (map or mapping) and<br>fluorescen\$2 and (pulse or pulsed<br>or pulsing) and laser and<br>intensit\$3).clm. and<br>@ad<="20040113"                                | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 17:31 |
| S27 | 3074 | (time and (map or mapping) and<br>fluorescen\$2 and (pulse or pulsed<br>or pulsing) and laser and<br>intensit\$3) and @ad<="20040113"  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 19:20 |
| S28 | 1901 | ((change with detect\$3) with<br>algorithm)  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 18:44 |
| S29 | 24   | S27 and S28  | US-PGPUB;<br>USPAT           | OR | ON | 2006/05/18 18:44 |

## EAST Search History

|     |        |  |                              |    |     |                  |
|-----|--------|--|------------------------------|----|-----|------------------|
| S30 | 1      | ("20040128081").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/05/18 18:44 |
| S31 | 1      | S30 and ((change with detect\$3)<br>with algorithm)  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 18:44 |
| S32 | 809    | ((change near2 detect\$3) with<br>algorithm)   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 18:45 |
| S33 | 118    | ((change adj detect\$3) adj<br>algorithm)  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 18:45 |
| S34 | 95     | S33 and @ad<="20040113"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/05/18 18:45 |
| S35 | 6      | S34 and puls\$3 and intensit\$3  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 18:46 |
| S36 | 0      | S35 and fluorescen\$2  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 18:46 |
| S37 | 4      | S34 and fluorescen\$2  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 18:46 |
| S38 | 4      | S37 and intensit\$3  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 18:46 |
| S39 | 14     | ((map or mapping) with movement)<br>and ((pulse or pulsed or pulsing)<br>with laser) and ((measure or<br>measuring) with intensit\$3) and<br>@ad<="20040113" | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 19:23 |
| S40 | 2      | ((("20060038114") or ("5448233")).<br>PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/05/18 19:58 |
| S41 | 2      | S40 and collimat\$3  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 19:59 |
| S42 | 0      | S40 and collimat\$3 and<br>uncollimat\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/18 19:59 |
| S43 | 0      | "3768908".pn. and map\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/23 17:24 |
| S44 | 1      | "3768908".pn. and map\$4   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/23 17:26 |
| S45 | 526901 | "3768908".pn. and map\$4 or<br>track\$4  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/23 17:25 |
| S47 | 1      | "3768908".pn. and (map\$4 or<br>track\$3)  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/23 17:27 |
| S48 | 1      | "3768908".pn. and (intensit\$3)  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/23 19:17 |
| S49 | 1      | "3768908".pn. and (stand\$4)   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/23 19:17 |
| S50 | 0      | "3768908".pn. and (standoff)   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/05/23 19:17 |